



NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Once again, this past week has been the warmest week on average so far this year. Temperatures averaged 81 degrees, 6 degrees above normal and 3 degrees warmer than last week. Precipitation throughout the State was below normal, totaling 0.60 inches with ranges from 0.01 inches in the West to 1.54 inches in the East. The crops are mostly in good condition, but could use a good rain for continued development. **Topsoil moisture** was rated as 2 percent very short, 26 percent short, 64 percent adequate, and 8 percent surplus. **Subsoil moisture** was rated as 1 percent very short, 15 percent short, 76 percent adequate, and 8 percent surplus. There were 5.8 days, out of a possible 7, suitable for fieldwork. Harvesting wheat, planting double crop soybeans and cutting hay were the major activities for the week.

ROW CROPS: The emerged **corn** is still in mostly good condition with 5 percent rated as poor, 20 percent fair, 58 percent good, and 17 percent excellent. Corn tasseling is at 44 percent, considerably ahead of last year's 10 percent and the five year average of 18 percent. Corn silking is at 17 percent, also well ahead of last year's 3 percent and the five year average of 14 percent. As of Sunday June 27, **soybeans** planted progressed to 95 percent, ahead of the 89 percent reported last year and the five year average of 94 percent. Eighty-nine percent of the planted soybeans had emerged, well ahead of the 80 percent last year, but the same as the five year average. Soybeans blooming was 15 percent, well ahead of last year's 3 percent, and the five year average of 7 percent. The average height of emerged soybeans was 11 inches, compared to last year's 7 inches. The condition of the soybean crop was reported as 1 percent poor, 15 percent fair, 57 percent good, and 27 percent excellent.

TOBACCO: For the most part, the tobacco crop looks good, although some counties are reporting the presence of black shank. The condition of set tobacco was reported as 1 percent very poor, 2 percent poor, 21 percent fair, 62 percent good and 14 percent excellent. Forty-two percent of set

tobacco was less than 12 inches high, with 43 percent from 12 to 24 inches in height, and 15 percent over 24 inches tall.

SMALL GRAINS: Winter wheat harvest for grain continues, with the majority of the crop in good condition. As of Sunday June 27, the winter wheat harvested was at 80 percent, compared to last year's 66 percent and the five year average of 69 percent. The condition of winter wheat was reported as 1 percent very poor, 2 percent poor, 22 percent fair, 52 percent good and 23 percent excellent.

OTHER CROPS AND PASTURE: The hay condition still remains mostly in good condition, although some hay fields are suffering from too much rain. As of June 27, pasture was rated as 1 percent very poor, 3 percent poor, 22 percent fair, 58 percent good, and 16 percent excellent.

CROP PROGRESS for week ending 06/27/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Tasseling	44	17	10	18
Corn Silking	17	NA	3	14
Soybeans Planted	95	85	89	94
Soybeans Emerged	89	80	80	89
Soybeans Blooming	15	NA	3	7
Wheat Harvested	80	36	66	69

SOIL MOISTURE for week ending 06/27/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	2	26	64	8
Subsoil	1	15	76	8

CROP CONDITIONS for week ending 06/27/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	0	5	20	58	17
Soybeans	0	1	15	57	27
Winter Wheat	1	2	22	52	23
Pasture	1	3	22	58	16
Tobacco	1	2	21	62	14

KENTUCKY WEATHER SUMMARY, JUNE 21 - 27, 2010:

Above Normal Temperature and Below Normal Rainfall:

The Commonwealth experienced another warm week, with the average temperature breaking the 80 degree mark for the first time this year. The warm temperatures were due to high pressure that was in place most all week, which provided mostly sunny skies nearly everyday. Rainfall came in the form of scattered thunderstorms through the week. The most organized rainfall was from a cold front that swept across the state Thursday. The majority of the rain from the cold front fell in the eastern part of the state, which helped to give above normal rainfall for the period.

Temperatures for the period averaged 81 degrees across the state which was 6 degrees above normal and 3 degrees warmer than the previous week. High temperatures averaged from 92 in the West to 89 in the East. Departure from normal high temperatures ranged from 4 degrees above normal in the West to 5 degrees above normal in the East. Low temperatures averaged from 73 degrees in the West to 69 degrees in the East. Departure from normal low temperature ranged from 9 degrees above normal in the West to 6 degrees above normal in the East.

Rainfall for the period totaled 0.60 inches statewide which was 0.29 inches below normal. Rainfall totals by climate division, West 0.01 inches, Central 0.18 inches, Bluegrass 0.66 inches and East 1.54 inches, which was -0.85, -0.73, -0.22 and +0.62 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Hardinsburg to a high of 2.91 inches at Jackson.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 27, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)										
Bardstown	0.10	13.80	3.27	+2.16	-0.17	93	66	80.6	+6	195	1650	+291
Berea	0.80	16.69	3.71	+4.06	-0.00	92	64	79.6	+6	195	1561	+171
Bowling Green	0.36	20.32	6.12	+7.31	+2.21	95	71	83.1	+8	205	1756	+339
Bristol	0.45	6.66	1.97	-3.73	-1.34	93	60	78.4	+5	177	1560	+289
Buckhorn Lake	0.75	12.00	2.82	+0.40	-1.05	89	64	78.9	+5	194	1507	+290
Cape Girardeau	0.00	11.78	1.95	-0.96	-1.34	97	69	84.0	+7	209	1776	+301
Campbellsville	0.37	18.80	3.83	+5.13	-0.08	92	67	81.3	+7	202	1610	+247
Covington	0.25	13.46	6.23	+1.97	+2.64	91	63	78.4	+5	192	1517	+303
Cumberland Gap	1.09	11.16	3.13	-1.56	-0.86	93	63	80.5	+7	195	1628	+384
Dix Dam	0.82	16.57	3.50	+4.31	+0.04	91	65	81.1	+7	205	1590	+231
Evansville	0.00	8.26	1.91	-3.65	-1.38	95	65	82.9	+6	205	1705	+318
Glasgow	0.18	15.00	2.96	+1.25	-1.34	93	70	82.4	+8	208	1699	+369
Grayson	1.70	16.55	5.85	+5.20	+2.26	90	64	78.6	+5	194	1511	+355
Hardinsburg	0.00	14.72	1.15	+2.13	-2.42	93	64	82.4	+8	209	1652	+235
Henderson	0.00	10.41	1.80	-1.81	-1.76	94	63	81.9	+5	204	1697	+280
Huntington	1.65	14.75	5.48	+3.56	+2.01	91	64	78.7	+5	192	1581	+337
Jackson	2.91	15.46	5.78	+3.44	+2.20	90	64	78.1	+4	187	1621	+404
Lexington	0.10	16.19	3.95	+4.55	+0.51	91	65	79.9	+6	195	1579	+338
London	1.09	11.70	3.35	+0.26	-0.05	93	64	79.5	+6	188	1604	+360
Louisville	0.00	16.17	4.04	+4.21	+0.78	95	70	84.9	+10	218	1813	+426
Mayfield	0.00	10.45	2.25	-2.64	-0.94	94	67	82.0	+5	203	1779	+301
Nashville	1.03	24.13	4.33	+11.67	+0.96	96	70	83.1	+8	202	1815	+310
Nolin Lake	0.46	16.00	3.29	+2.46	-0.41	93	67	82.6	+8	210	1635	+330
Paducah	0.05	11.33	2.66	-2.26	-1.14	94	69	82.2	+6	204	1783	+308
Princeton	0.00	18.47	5.17	+5.25	+1.54	94	70	82.7	+6	211	1744	+297
Quicksand	2.33	12.12	3.74	+0.10	+0.16	92	63	79.7	+6	192	1594	+377
Somerset	0.77	16.80	3.94	+3.56	-0.04	92	65	79.7	+6	195	1578	+246
Spindletop	0.48	14.61	4.03	+2.97	+0.59	91	65	79.1	+5	191	1585	+344
Williamstown	1.52	16.51	7.05	+4.56	+3.51	90	63	79.8	+6	200	1522	+281

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>